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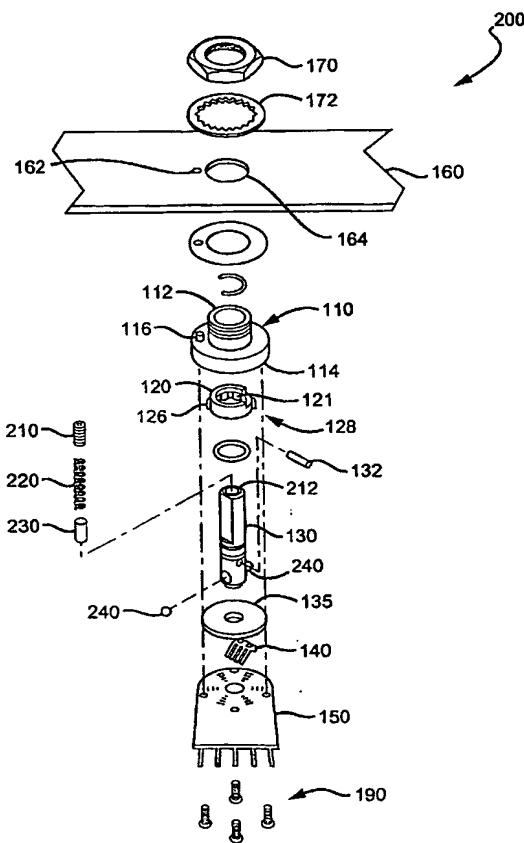
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(54) Title: LOW PROFILE ROTARY SWITCH WITH DETENT IN THE BUSHING



(57) **Abstract:** A panel mounted low profile rotary switch (100) contains a detent mechanism (120) mounted in a bushing (110). In a preferred class of embodiments, the detent sub-assembly comprises a single spring (220) positioned in parallel within the vertical extending shaft (130). The force exerted by the spring is manually adjusted by a set screw (210) to provide the desired downward applied vertical force on a plunger (230). The plunger, preferably a pointed cylinder, applies pressure to detent balls (240) causing the detent balls to move radially outward and engage rotor cams located on the inner surface of the detent mechanism.